

<b>NWS FORM E-5</b> (11-88) (PRES. BY WSOM E-41)	<b>U.S. DEPARTMENT OF COMMERCE</b> NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA)  <b>San Angelo, TX</b>
<b>MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS</b>		REPORT FOR: MONTH                      YEAR <b>September                      2003</b>
		SIGNATURE <div style="text-align: right;"> <b>Jason Johnson</b>          In Charge of HSA       </div>
		DATE <div style="text-align: right;"> <b>October 15, 2003</b> </div>
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		

*When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).*

☒ No flood stages were reached in this HSA for the month above.

Numerous showers and thunderstorms occurred during September as a result of abundant moisture in place over West Central Texas interacting with upper level disturbances and cold fronts. These systems produced localized heavy rain causing flash flooding across several counties in the HSA.

The first heavy rainfall event occurred on September 11<sup>th</sup> as showers and thunderstorms formed ahead of a cold front that moved through West Central Texas. Rainfall amounts from these storms ranged from 0.25 of an inch to one inch across the Big Country, and increased in totals as the storms progressed to the southeast. The Heartland received at least an inch of rain, and totals over the Northwest Hill Country ranged from two inches at Junction to just over four inches at Mason. Flooding of rural roads as well as some urban streets was reported across the area. Another heavy rainfall event occurred on September 14<sup>th</sup> as another cold front pushed through the HSA. The focus of heavy rain was generally across the Heartland and Northwest Hill Country with rainfall amounts ranging from one inch at Junction to just over 3 inches at San Saba. Flooding of streets and a few homes were reported in Brownwood by the emergency manager. Elsewhere, urban street flooding and flooding of rural roads were reported. On September 25<sup>th</sup> the Concho Valley, Heartland and Northwest Hill Country were the focus of more heavy rainfall as yet another advancing cold front moved across West Central Texas. Some of the heaviest amounts of rainfall occurred over Tom Green County which caused widespread urban street flooding in San Angelo. San Angelo received two to three inches of rain in about two hours. The local newspaper reported that firefighters responded to over 20 water rescue calls.

For the month of September, San Angelo Regional Airport received 3.16 inches of rain. This is 0.21 of an inch above the monthly normal of 2.95 inches. Abilene Regional Airport received 1.02 inches of rain in July, which is 1.89 inches below the monthly normal of 2.91 inches.

**Rainfall Totals for August**

<b>Station Name</b>	<b>Amt (in)</b>	<b>Station Name</b>	<b>Amt (in)</b>
Abilene 2	2.68	Mason	11.81
Acton Ranch	3.63	Menard	3.17
Albany	1.25	Merkel 12SW	1.99
Anson	0.45	Oak Creek Lake	4.95
Ballinger 2NW	2.05	Ozona 1SSW	2.85
Brady	5.26	Paint Rock	2.68
Brownwood	6.23	Putnam	1.64
Burkett	4.67	Richland Springs	7.30
Coleman	1.42	Roscoe	1.38
Concho Park	3.54	Rotan	0.80
Eldorado	2.13	San Angelo WFO	3.57
Eldorado 10W	4.87	San Saba 7NW	2.65
Eldorado 12N	1.55	Silver Valley	2.52
Fort Griffin	1.55	Sonora	2.65
Fort McKavett	2.59	Stamford	0.28
Funk Ranch	2.50	Sterling City	0.84
Glen Cove	3.15	Sterling City 8NE	0.72
Hamlin	0.23	Taylor Ranch	4.57
Haskell	1.85	Telegraph	3.50
Hords Creek	1.85	Throckmorton 7NE	2.88
Humble Pump	2.59	Trent	1.18
Junction 4SSW	3.98	Water Valley	4.18
Lake Abilene	1.87	Water Valley 11NE	2.78
Lawn	2.06	Winters	3.58
London 3N	6.11	Woodson	2.77

**Reservoir Conditions (end of September, 2003)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>Current Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	34,115	49
Lake Stamford	52,700	35,185	67
Hubbard Creek Lake	317,800	129,700	41
Hords Creek Lake	8,800	1,854	21
Lake Brownwood	131,428	119,410	91
E.V. Spence	488,760	51,859	11
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	3,303	3
O.H. Ivie	554,340	193,900	35

**Hydro Products Issued**

FFA = 3

FFW = 15

FLS = 6 (Urban and Small Stream)

RVS = 0

FLW = 0